

VERTICLE LIFT PATH SKID STEER LOADER WITH HIGH FLOW CIRCUIT

This machine shall be new and of the latest production model.

SPECIFICATIONS:

ENGINE: 4 cylinder, 4 stroke, diesel, direct injection, water cooled
Gross power 61 HP minimum
Net Power 57 HP minimum

ENGINE SUPPORT SYSTEM:

Air Cleaner: Dry Type, Dual Stage
Time glow plug, Direct Injection
Fuel Filter – spin on type replaceable with water Drain
Oil Filter & Lubrication – full flow spin on type replaceable
Cooling System: Hot Climate specification

OPERATION CAPACITY:

Maximum SAE operation weight fully operational with Standard Shovel,
full fuel tank and 175 lb. Operator.
Operating Weight: 5540 minimum
Operating Load (SAE): 1765 minimum

ELECTRICAL AND INSTRUMENTATION:

12 Volt, negative ground system with main power disconnect switch
Battery: 12 Volt, 665 cca @ 0°F (-18°C) Maintenance Free
System Protection: 15-amp circuit breaker
40 Amp Alternator

INSTRUMENTS: Roof console mounting, keyless / code ignition with deluxe instrumentation panel - Hour meter, tachometer, voltage meter, hydraulic oil temperature light & alarm, coolant temperature light and alarm, electrical security lock, fuel gauge, transmission charge pressure light and alarm, engine oil pressure light and alarm, seat belt light, air cleaner restriction light and alarm, transmission filter restriction light and alarm, parking brake reminder light, electrical diagnostics display and alarm. Fuse and relay panel also to be console mounted.

TRANSMISSION:

Single speed (Forward & Reverse) hydrostatic with a minimum of
0-7.3 MPH tops speed.
Hydrostatic transmission pumps with variable displacement axial piston.
Double reduction, gear/chain final drive

TIRES: To be a standard 10-ply Heavy Duty 10x16.5 with poly/foam fill

OPERATOR'S AREA:

Full ROPS/FOPS Cab with deluxe fabric headliner

- Adjustable Suspension Seat
- Retractable Lab/Shoulder Seat Belt
- Good all around visibility
- Rear Cab Window
- Emergency exit front and rear.
- Full audible and visual warning systems monitoring.
- Hour Meter
- Restraint mounted control levers.
- Restraint activated safety system.
- Auxiliary hydraulic circuit loader
- Dual Element - dry type engine air filter
- In Cab Boom Safety Lock

SAFETY EQUIPMENT:

- Back-up Alarm
- Parking/Emergency Brake
- Work Light Front & Rear
- Seatbelt interlock
- Manual in-cab boom lockouts
- Mechanical control valve spool lock

CONTROLS AND STEERING:

- Dual Driver Hand Levers
- Foot Control for Boom & Bucket

BRAKES:

- Hydrostatic transmission to provide primary braking service.
- Friction Type Parking Brake

SERVICE CAPACITIES:

- Hydraulic oil reservoir minimum 5.0 gal.
- Fuel Tank minimum 17 US gal.
- Chain cases minimum 2 US gal.
- Engine coolant minimum 8.6 US gal.
- Engine crankcase (W/filter) 2.7 US gal.

HYDRAULICS:

- Dedicated gear pump for attachments.
- Pump Flow: minimum 17.7 gpm @ 2900 rpm
- Main Relief Pressure: minimum 2,600 psi
- Full flow hydraulic oil filter
- Hi-flow circuit to provide a minimum of 26.2 gpm to front of machine for operation of high capacity attachments like hydraulic hammer, auger and planer.

LOADER PERFORMANCE:

- Operating Weight minimum 5,540 lbs.
- Operating Load (SAE) minimum 1,765 lbs.
- Tipping Load minimum 3,530 lbs.
- Height to hinge pin minimum 115.1 inches
- Dump Height minimum 90.2 inches
- Dump angle minimum 40 degrees

Reach at max. dump to be a minimum of 21.3 inches
Rollback at ground to be a minimum of 30 degrees
Breakout Boom minimum of 2,828 lbs.
Breakout Bucket minimum of 3,712 lbs.
Tires – standard – 10.00 – 16.5 minimum
Travel speed – 7.3-mph minimum

DIMENSIONS:

Length with bucket – 124.9 inches minimum
Length less bucket – 98.2 inches minimum
Width with bucket – 64.7 inches minimum
Height to cab top – 75.3 inches **maximum**
Ground Clearance – 7.9 inches minimum
Rear departure angle – 23 degrees minimum
Wheel base – 42.3 inches minimum

ATTACHEMENTS: (Bradco Quick Disconnect or Equal)

Extended Bucket – Low Profile 68" with bolt-on / replaceable edge
18 Inch Planner Highflow
Over-the-Tire Steel Tracks with bolt-on / replaceable poly pad

MISCELLANEOUS:

Bidder must have an Alabama Location for Parts & Service. Failure to
Have an Alabama Dealer will result in Bid Rejection.

Two complete sets of operating, service, maintenance & parts manuals
applicable to Skid Steer, as delivered, contained detailed parts & maintenance
information inclusive of all optional equipment installed shall accompany the unit
at the time of delivery.

Up to four hours training at delivery for operators and maintenance personnel or
Other arrangements are to be made prior to delivery of equipment.
Minimum one (1) year parts & labor warranty.

Equipment must be checked over and ready for service before delivery to
Alabama Department of Transportation.

Delivery date may be a factor in making award.